

ATTACHMENT A

CLEAN VERSION OF EACH REPLACEMENT PARAGRAPH/CLAIM

1. (Twice Amended) A method for enhancing transcriptional activation of a reporter gene under the control of a promoter regulated by a DmpR protein in bacteria selected from the group consisting of *Pseudomonas* and *Escherichia coli* in response to phenols and substituted phenols over the transcriptional activation exhibited by wild type bacteria of the same strain, said method comprising the steps of removing the sensor domain from the DNA encoding the DmpR protein, subjecting the removed sensor domain to mutagenic polymerase chain reaction, ligating the mutated sensor domain into the DNA encoding the DmpR protein, and testing the bacteria for enhanced response to said phenols and substituted phenols over the response thereto for wild type bacteria without altering other domains.